

Applicant: Parsons

Docket No. 03-063

ABSTRACT OF THE DISCLOSURE

A self-propelled vehicle includes a main frame which has a main-frame longitudinal axis. First and second powered wheel/suspension assemblies are connected to the main frame near respective first and second ends of the main frame. A steering system includes a hand-held steering controller, in an operator's cab, which turns the first and second wheel/suspension assemblies simultaneously and in opposite directions. A dump box and hydraulic dump box hoist mechanism are supported by the main frame. The operator's cab is supported along a transverse cab axis, perpendicular to the main-frame longitudinal axis, at a fixed longitudinal position along the main frame. A television-based pathway monitoring system includes a camera cluster and multiple viewing screens in the operator's cab. The multiple viewing screens are positioned in the operator's cab such that an operator need not change one's directional orientation when the vehicle moves in opposite directions.